

PROCEEDINGS OF THE
ROYAL ENTOMOLOGICAL SOCIETY
OF LONDON

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GENERAL MEETING

4TH FEBRUARY, 1942, at 3.30 p.m.

AGENDA

1. Confirmation of Proceedings of the Annual Meeting held on 21st January, 1942.
2. Announcement of Vice-Presidents for 1942.
3. Recommendations of candidates for Fellowship.
4. Announcement of election of new Fellows.
5. The following additions have been made to the Library since the meeting on 21st January, 1942.

Presented.

Jack, R. W.: Further studies in the physiology and behaviour of *Glossina morsitans* Westw. [*Mem. Dep. Agric. S. Rhodesia* 3, 1941.] [The author.]

In addition, separates have been presented by Dr. A. J. T. Janse, Dr. J. van der Vecht, the Imperial Institute of Entomology, the United States Department of Agriculture, the American Entomological Society, Dr. Llewellyn Lloyd, Professor T. D. A. Cockerell, Dr. W. J. Hall, Lieut.-Colonel F. C. Fraser, Dr. D. S. MacLagan, Dr. B. P. Beirne, and the Council for Scientific and Industrial Research, Australia.

6. Admission of Fellows.
7. Communications.

1. Dr. H. Kalmus (a visitor).

The possible bearing on industrial melanism of differences in the resistance of *Drosophila* mutants of different body colour to certain chemicals.

[Abstract.]

The substitution in industrial regions of originally light forms of many species of insects, principally Lepidoptera, by darker individuals has so far

been explained in several direct and indirect ways. Spraying tests performed with certain chemicals on *Drosophila* mutants of various body colour indicate that the forms possessing a darker cuticle are more resistant. As some of the chemicals used are found in industrial atmospheres, this may have some bearing on the development of industrial melanism. The genetical constitution of some *Drosophila* populations can also be interpreted in this way.

2. Communications and exhibits the titles of which have been received since the circulation of these agenda.

Fellows are particularly requested to bring suitable exhibits to the General Meetings even though it may not be possible to announce their intention to do so before the meeting.

Tea will be served in the Library after the meeting.

PROCEEDINGS OF THE ANNUAL MEETING HELD ON 21ST JANUARY, 1942.

Professor P. A. BUXTON, Vice-President, in the Chair.

Present, 28 Fellows.

The minutes of the meeting held on 3rd December, 1941, were confirmed and signed by the Vice-President.

Professor G. D. Hale Carpenter handed over the late Dr. Eltringham's microscope which had been bequeathed to the Society.

The Secretary announced that the following had been re-elected a Fellow of the Society: James Ernest Helme Roberts, O.B.E., M.B., F.R.C.S., The Croft, Ottershaw, Surrey.

Thanks were voted to donors of gifts to the Library since the last meeting.

The Secretary announced that the Fellows nominated as Officers and Council for the ensuing year had been duly elected.

The Secretary read the report of the Council, which was adopted on the motion of Mr. E. G. Joseph, seconded by Prof. G. D. Hale Carpenter.

The Treasurer read his annual report, and this, with the accounts for the year ended 31st December, 1941, was adopted on the motion of the Rev. E. G. Bucknill, seconded by Mr. J. C. F. Fryer.

Mr. Riley, on behalf of the President who was absent because of illness, read the President's Address, and Mr. Fox-Wilson proposed a vote of thanks to the President for his Address, coupled with the request that he permit it to be published in the *Proceedings*, and this was agreed.

A vote of thanks to the Officers for their services throughout the year was proposed by Dr. J. Smart, and seconded by Dr. C. B. Williams, and briefly replied to by the Secretary.

The formal meeting then closed and tea was served in the Library.

N. D. RILEY, *Hon. Secretary*.

The next Meeting will be held on 4th March, 1942, at 3.30 p.m.